

MISSOURI AGRICULTURAL EDUCATION

2017 FACT SHEET



Agriculture — It's America's most creative, productive and basic industry. Today, we credit a sound education program for much of this country's success in agriculture. For agriculture to advance — both dynamically and efficiently — education must be a top priority. From learning institutions to government agencies and related businesses, we must all work together to provide leadership for the future through strengthened education.



Leadership is one component of agricultural education's model of learning. FFA also helps students learn hands-on career skills.



WHY WE NEED AG EDUCATION

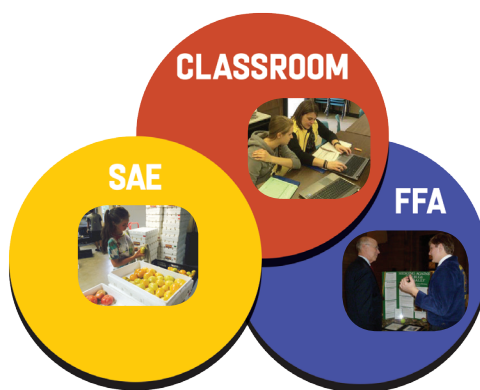
- Accelerating globalization of markets.
- Growing demand for environmental protection and safe food.
- Increasing dependence on technology.
- Declining public understanding of agriculture.
- Growing need for highly trained and diverse workforce.

HOW STUDENTS LEARN

Through **classroom instruction**, ag ed students use unique problem-solving skills.

Ag Ed students gain **hands-on experience** outside the classroom through their Supervised Agricultural Experience.

Leadership development is a key component of FFA. Activities are designed to promote personal skill development.



AT A GLANCE

28,285

Students enrolled in Missouri agricultural education programs

342

High schools and career centers offering agriculture classes

5,419

High school agricultural education graduates in 2015. Of this, 95.2% were employed or continuing their education. 64% are pursuing agriculture as a career.



WHAT'S THE IMPACT OF MO AG EDUCATION?

CLASSROOM INSTRUCTION



Agricultural Mechanics and Technology is one of six career cluster areas students can select.



Local FFA chapters build community partnerships through programs that help feed the hungry.

FFA: LEADERSHIP DEVELOPMENT

The FFA Motto: *Learning to Do, Doing to Learn, Earning to Live, Living to Serve.*

- ▶▶ Local, chartered FFA chapters where members work with their community.
- ▶▶ Area, district and state programs help members advance their leadership skills and career objectives.
- ▶▶ Missouri FFA membership in 2015-16 was **26,057**.

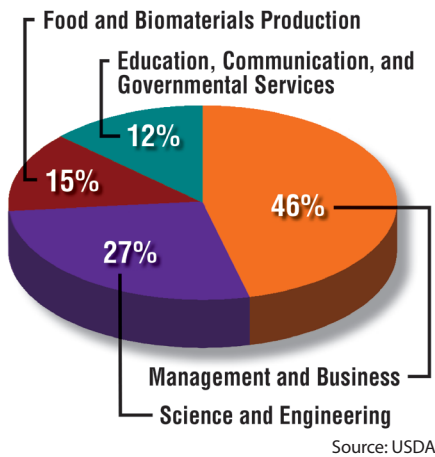


Agriscience projects are growing in interest among ag education students.

Missouri Ag Education | Phone 573.751.3544
<http://https://dese.mo.gov/college-career-readiness/career-education/agricultural-education>
www.missouriffa.org.

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Employment Opportunities



- ▶▶ College graduates in agriculture, food and natural resources will find good employment opportunities through 2020 creating 57,900 average annual openings nationally.

— Source: USDA

Ag education students select their interests in one of six Agricultural Career Cluster areas:

- Agricultural Business Management Systems
- Agricultural Mechanics & Technology
- Animal Science Systems
- Food Science Systems
- Natural Resources Conservation Systems
- Plant Science / Horticultural Systems

SAE: HANDS-ON LEARNING

Ag ed students select courses and Supervised Agricultural Experience Program (SAE) activities that relate to his or her agricultural interest.

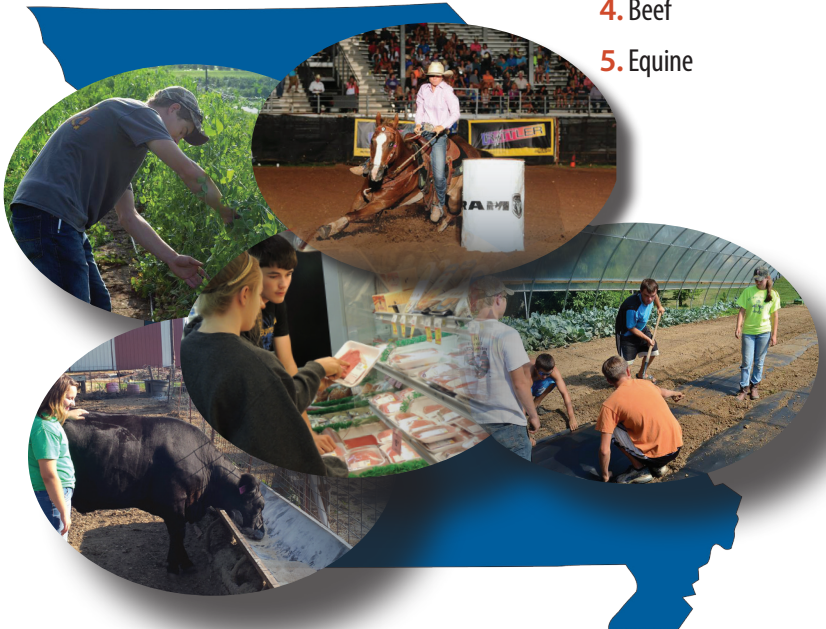
In 2016, of the 75% of students who completed SAE programs:

- ▶▶ **17%** had entrepreneurship only projects.
- ▶▶ **48%** had placement only projects where students work for someone in an agribusiness or on a farm.
- ▶▶ **7%** had agriscience projects.
- ▶▶ **28%** had a combination of projects.

Statewide, more than **\$48,320,789** net income was generated through SAE programs.

MISSOURI'S TOP 5 SAE PROGRAMS

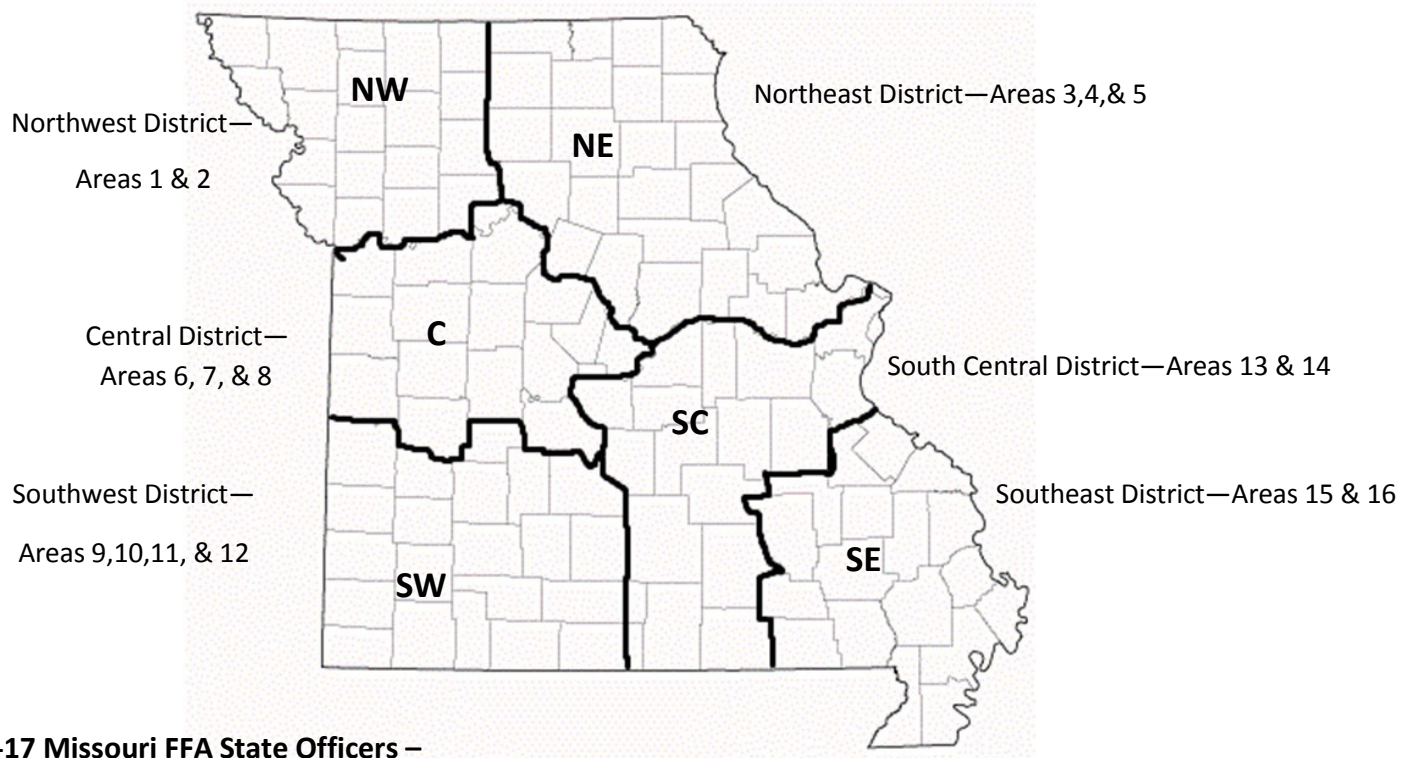
1. Placement/Agribusiness Systems
2. Placement/Animal Systems
3. Placement/Food Production
4. Beef
5. Equine



Missouri FFA & Ag Education Facts

2017 FFA Knowledge LDE Resource

Missouri FFA Districts & Areas –



2016-17 Missouri FFA State Officers –

President, Area 11 – Colton Spencer, Aurora

1st Vice President, Area 4, Baileigh Horstmeier, Fulton

Secretary, Area 1 – Jacqueline Janorschke, De Kalb

Vice President, Area 2– Logan Korff, Norborne

Vice President, Area 3 – Natalie Ayers, Green City

Vice President, Area 5 – Nick Banze, Warrenton

Vice President, Area 6 – Emily Lock, Carrollton

Vice President, Area 7 – Hunter Lovewell, Sherwood

Vice President, Area 8 – Katherine Imhoff, California

Vice President, Area 9 – Jessica Hylton, Miller

Vice President, Area 10 – Ashley Spear, Halfway

Vice President, Area 12–Jessie Peterson, Branson

Vice President, Area 13–Heidi Murry, Plato

Vice President, Area 14 – Macey Hurst, Fatima

Vice President, Area 15– Hunter Kay, Fredericktown

Vice President, Area 16 - Moriah McLard, Richland(Essex)

Past President, Area 2 – Adam Kirby, Trenton

2016-17 Missouri Agricultural Education & FFA State Staff –

Leon Busdieker - Director of Agricultural Education, State FFA Advisor

Keith Dietzschold - NW District Supervisor, State FFA Executive Secretary

Marie Davis - NE District Supervisor, State FFA Executive Treasurer

Lisa Evans - Central District Supervisor

David Higgins - SC & SE District Supervisor

Steven Rogers - SW District Supervisor



Missouri FFA Demographics –

Agricultural Education Enrollment – 28,285

Number of FFA Chapters – 342

2015-16 State FFA Membership – 26,057

Missouri FFA Leadership Events –



Greenhand Motivational Conferences – Held annually in January, State FFA Officers educate and motivate new FFA members to become active in the organization and set personal goals during this conference.

State FFA Convention – Held annually in Columbia during April, State FFA Convention provides an opportunity for members to gain leadership skills, compete in Career Development Events and Leadership Development Events, explore careers and educational opportunities, and receive recognition for personal and chapter achievements.

LEAD (Lead, Educate, Advance, Develop) Conference for Chapter Officers – Held each May at various locations across the state, the LEAD Conference prepares chapter officer teams for their year of service through team building activities, POA planning, and developing a chapter recruitment plan.

Public Speaking Academy (PSA) – Each June, FFA members can participate in this three-day event designed for speakers of all experience levels. Each student develops and presents their speech on an agricultural topic.

State FFA Leadership Camp – Held each summer for six weeks at Camp Rising Sun on the Lake of the Ozarks, State FFA Leadership Camp provide members with opportunities for personal leadership development, interaction with State FFA Officers and other members, and recreational activities.

Area Officer Institute (AOI) – Each June, Area FFA Officer teams are invited to participate in AOI to develop team goals, establish officer responsibilities and gain valuable experience needed for success as Area Officers.

HYMAX Academy – **H**elping **Y**outh **M**aximize **A**gricultural **eX**periences, HYMAX was established as a tribute to long-time State FFA Advisor, Dr. Terry Heiman. HYMAX attendees are Greenhands (100 strong) who gain experience in developing an agriculture advocacy plan, tour unique agricultural operations, and develop friendships with other members.

HYPE Academy – **H**elping **Y**outh **P**repare for **E**xcellence, HYPE was established in partnership with the Missouri Corn Growers to give students hands-on experiences in communicating and advocating for the agricultural industry. Thirty (30) incoming seniors will leave with tools to help others tell the agriculture story!

Public Speaking Institute (PSI) – Two weekends in January there is a one day institute that targets freshmen through seniors to improve their public speaking skills. Attendees gain knowledge in FFA speaking CDE's, tips on advocating for agriculture, and the essentials to better verbal communication.